

Converting Colors

YUV(50.7770, -25.0331,
49.3076)

Have a look what the booklet for
YUV(50.7770, -25.0331, 49.3076)
contains.

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Color

**YUV(50.7770, -25.0331,
49.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2000
RGB	107, 32, 0
RGB Percent	42%, 13%, 0%
CMY	0.5804, 0.8745, 1.0000
CMYK	0.00, 0.70, 1.00, 0.58
HSL	18°, 100%, 21%
HSV	18°, 100%, 42%
XYZ	6.5799, 4.1588, 0.4559
YIQ	50.7770, 54.9720, 5.9480

Conversions

Conversions Part 2

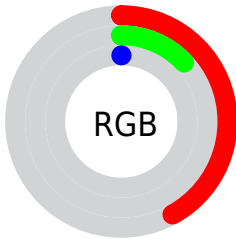
Format	Color
R_{YB}	107, 46, 0
Decimal	7020544
CIE _{Lab}	24.19, 32.07, 35.18
CIE _{LCh}	24, 47.609, 47.650
Yxy	4.1588, 0.5878, 0.3715
Android (android.graphics.Color)	4285210624 (0xFF6B2000)
YUV	50.7770, -25.0331, 49.3076
Hunter-Lab	20.3932, 21.9054, 12.9497

Details

The YUV color **50.7770, -25.0331, 49.3076** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **56.2230, 25.0331, -49.3076**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2400, -27.2333, 55.0405**, and **15.5480, -7.6652, 31.9684** is the 20% darker color. If you saturate the color by 10%, you get **50.7770, -25.0331, 49.3076**, and if you desaturate by 10%, it is **56.7270, -22.5434, 44.0894**.

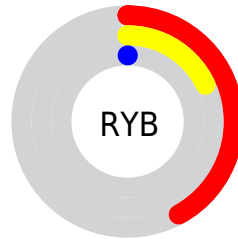
Distribution



Red (42%)

Green (13%)

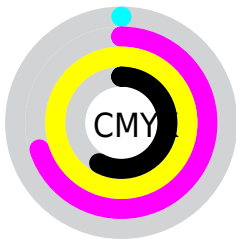
Blue (0%)



Red (42%)

Yellow (18%)

Blue (0%)

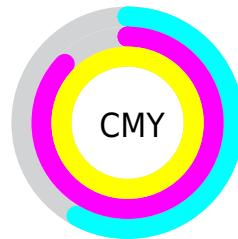


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.7770, -25.0331, 49.3076 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 50.7770, -25.0331, 49.3076 by changing the saturation by 10% instead.

■ 50.7770, -25.0331,
49.3076

■ 50.7770, -25.0331,
49.3076

■ 251.9220,
-11.7935, 2.6994

■ 26.5560, -13.0921,
45.9934

■ 102.2400,
-27.2333, 55.0405

■ 15.5480, -7.6652,
31.9684

■ 128.2080,
-28.6965, 57.6996

■ 5.0830, -2.5059,
10.4512

■ 155.1760,
-30.1598, 60.3586


■ 0.0000, 0.0000,
0.0000


■ 182.6710,
-30.8968, 63.4325


■ 201.3700,
-27.7904, 47.0335


■ 220.8840,


-24.0998, 29.9197


 241.0990,
-20.2618, 12.1912


 50.7770, -25.0331,
49.3076

 56.7270, -22.5434,
44.0894

 61.9760, -20.2012,
39.4860

 67.9260, -17.7115,
34.2679

 73.2890, -14.9325,
29.5645

 79.2390, -12.4428,
24.3464

■ 84.4880, -10.1006,
19.7430

■ 90.4380, -7.6109,
14.5249

■ 95.8010, -4.8319,
9.8215

■ 101.6370, -2.7790,
4.7034

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.7230, -2.8214, 65.1409



50.7770, -25.0331, 49.3076



55.0530, -27.1411, 25.3865

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.7770, -25.0331, 49.3076



46.9380, -2.9274, -41.1646



46.7630, 39.5568, -41.0112

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.7770, -25.0331, 49.3076



56.2230, 25.0331, -49.3076

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.3340, 36.8103, -46.7739



50.7770, -25.0331, 49.3076



51.7430, 12.9447, -45.3786

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.7770, -25.0331, 49.3076



40.5030, -19.9680, -35.5211



54.2170, 27.5010, -47.5483



57.7450, 23.7897, 23.0256

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.7770, -25.0331, 49.3076



53.7690, -26.5081, 8.9726



54.2170, 27.5010, -47.5483



49.3390, 39.2729, -43.2703

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.7770, -25.0331, 49.3076



118.1890, -9.9532, 19.1282



40.7710, 17.8609, 58.0828



57.5840, -5.7109, 11.7658



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.7770, -25.0331, 49.3076



66.5140, -32.7914, 64.4472



81.3010, -40.0814, 22.5380



50.9680, -1.4632, 2.6591



55.5280, -27.3753, 53.9109



116.1060, -57.2403, 113.0400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.2230, 25.0331, -49.3076



73.4860, 32.7914, -64.4472



25.6990, 40.0814, -22.5380



51.0320, 1.4632, -2.6591



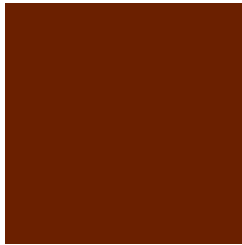
61.4720, 27.3753, -53.9109



128.8940, 57.2403, -113.0400

Previews

White Background



This preview shows how the YUV color 50.7770, -25.0331, 49.3076 looks on a white background.

Color Contrast Check

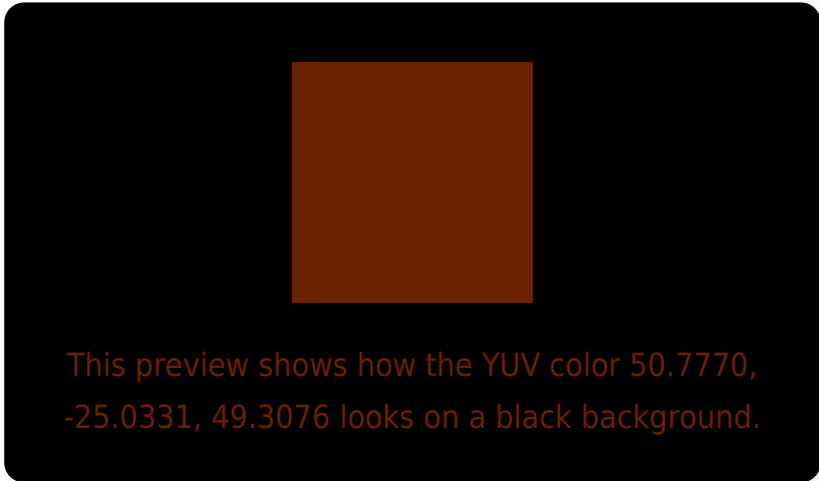
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

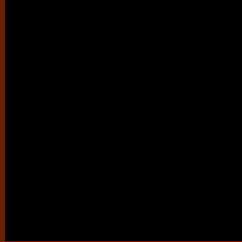
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.7770, -25.0331, 49.3076

Background



This preview shows how black text looks on a background with the YUV color 50.7770, -25.0331, 49.3076.



This preview shows how white text looks on a background with the YUV color 50.7770, -25.0331,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

56.0340, -21.7088, 9.6172

Deuteranopia

55.2970, -27.2614, 17.2795

Tritanopia

53.4360, -11.0609, 47.8526

Trichromacy



Protanomaly

54.1930, -22.7731, 24.3867

Deuteranomaly

53.6020, -26.4258, 29.2900

Tritanomaly

52.7690, -16.1551, 48.4376

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7050, -9.2216, 17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.7770, -25.0331, 49.3076 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 32, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 32, 0) }
```

Border

The CSS property to change the border of an element to YUV 50.7770, -25.0331, 49.3076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 32, 0) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 32, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 32, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 32, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.7770, -25.0331, 49.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 32, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107, 32,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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